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**Title :**

Encoding method for borderless clock free two dimensional barcode

**Derwent Classes :**

T04

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**Nbr of Countries :**

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SE SI

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AP: 1999CA-2271523 19990512

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AP: 1998US-0088189 19980601

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FD: Div ex US6201901
AP: 1998US-0088189 19980601; 2001US-0767406 20010123

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AP: 1998US-0088189 19980601; 2001US-0767404 20010123

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**Abstract :**

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NOVELTY - The two dimensional bar code contains a number of data bits represented by printed bits that can be colored dots. The data stream is randomized to prevent streams of the same colored dots. A number of keys are available to further randomize the data until it is sufficiently random. Error correcting codes are included in the data. The randomized stream is formed into a two dimensional pattern that does not require a border. The image can be scanned, deskewed and decoded.
USE - Two dimensional bar codes.
ADVANTAGE - Does not require a clocking system and can be deskewed without needing a border
DESCRIPTION OF DRAWING(S) - Two dimensional barcode reading
Locate bar code 70
Identify amount of skew 71
Deskew 74
Find boundaries 75
Decode 76(Dwg.8a/18)

**Manual Codes :**

EPI: T04-A03B1

**Update Basic :**

2000-02

**Update Equivalents :**

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